

AMENDMENTS IN THE CLAIMS

1. (Original) A method of transmitting broadcasting information to a mobile station by utilizing a cell broadcasting service (CBS), comprising:

converting broadcasting information to a predetermined message code according to type and contents of the broadcasting information;

generating a message having the converted predetermined message code and a header indicating the type of the broadcasting information ~~and the predetermined message code~~ in a format predetermined depending on the type of the broadcasting information; and

transmitting the generated message by utilizing the CBS,

wherein the converted predetermined message code includes a code that is predetermined for at least one word for indicating the contents of the broadcasting information.

2. (Original) The method of claim 1, wherein if the broadcasting information is weather information, the predetermined message code includes an area code, a date code, a time code, and a weather code.

3. (Original) A method of receiving broadcasting information in a mobile station by utilizing a cell broadcasting service (CBS), comprising:

checking a header of a CBS message upon receipt of the CBS message; and

recovering broadcasting information by comparing a message code of the CBS message with a predetermined code corresponding to type and contents indicated by the header of the CBS message, if the header indicates there is a coded message.

4. (Original) The method of claim 3, wherein if the broadcasting information is weather information, the message code includes an area code, a date code, a time code, and a weather code.

5. (Original) A method of transmitting and receiving broadcasting information by a cell broadcasting service (CBS) in a mobile telecommunication system, comprising:

converting broadcasting information to a predetermined message code according to type and contents of the broadcasting information;

generating a message having a header indicating the type of the broadcasting information and the predetermined message code in a format predetermined depending on the type of the broadcasting information;

transmitting the generated message by utilizing the CBS;

receiving the CBS message;

checking the header of the CBS message upon receipt of the CBS message in a mobile station; and

recovering the broadcasting information by comparing a message code of the CBS message with a predetermined code corresponding to the type and contents indicated by the header of the CBS message, if the header indicates there is a coded message.

6. (Original) The method of claim 5, wherein if the broadcasting information is weather information, the message code includes an area code, a date code, a time code, and a weather code.

7. (Original) The method of claim 6, further comprising determining if a display state is active, and displaying the CBS message if the display state is active.

8. (Original) The method of claim 6, further comprising determining if a display state is

active, and storing the CBS message in memory if the display state is not active.